

AMENDMENTS TO THE SPECIFICATION

Please rewrite paragraph [0041] starting on page 7, line 28 of the specification as follows:

[0041] FIG 3 shows where a thermowell of the invention can be installed in an autothermal reformer. The hydrocarbon feed [[1]] 31 is mixed with the oxygen containing feed [[2]] 32 and the partial combustion takes place in burner [[3]] 33. The process gas temperature is measured by thermocouple [[4]] 2, before entering catalyst bed [[5]] 35 where it is completely reformed to product gas [[6]] 36.